

Dr S. KASTHURI RENGAMANI

Mobile: 8122012384

M.Sc, M.Phil, B.Ed, PGDHS, Ph.D.

Emai-Id: kasthuribotanist@gmail.com

Assistant Professor in Botany,

Department of Biochemistry,

Yadava College, Thiruppalai,

Madurai- 625014

Objectives

- To get best teacher award
- To work in a globally competitive environment on challenging assignments that shall yield twin benefits of the job satisfaction and steady paced professional growth
- To take up teaching in a reputed institute and motivate the young students in pursuing higher education

Academic Credential

- Ph.D (Botany) Ayya Nadar Janaki Ammal College, Sivakasi, July 2019.
- B.Ed (Bioscience) Thigarajar College of Preceptors, Madurai May 2005 (71%)
- M.Phil (Botany) Thigarajar College, Madurai August 2004, (73.25%)
- M.Sc (Botany) Thigarajar College, Madurai April 2003 (79.50%)
- PGDHS (Herbal Medicine), Annai Terasa Women's University Kodaikanal April 2001 (58%)
- B.Sc (Environmental Biology), Sri Meenakshi Govt College, Madurai, April 2000 (75%)

Professional Experience Detail

- Currently Working as Assistant Professor in Department of Biochemistry at Yadava College Madurai from 21.06.2006 to till date

- Worked as P.G Assistant in Botany at Sri Ram Nallamani Yadava Girl;s Hr Sec School Kancharampettai, Madurai from 13.06.2005 to 20.06.2006

Area of Interest

- Agricultural Microbiology, Plant Physiology, Economic Botany, Gymnosperms, Plant Diversity (Algae, Fungi, Bryophytes), Biotechniques, Biomolecules, Biotechnology, Herbal Technology, Nutritional Biochemistry
- Cell Biology, Anatomy and Genetics, Medicinal Plants, Plant Biochemistry, Taxonomy of Angiosperms

Research Details:-

Ph.D Research Title: Influence of Nitrogen, Phosphorus and Potassium nutrition on UV-B(285-325nm) induced damage on growth and biochemical characteristics of few selected crop plants.

Research Guide: Dr. K. Lingakumar, M.Sc., Ph.D. Associate Professor and Head, Centre for Research and Post Graduate Studies in Botany, Ayya Nadar Janaki Ammal College, SIVAKASI- 626 124.

M.Phil Research:- Research Title:- Effect of Bio inoculants on Quality seedling Production of Drumsticks (*Moringa oleifera*, L)

Research Guide: Dr. K. RAJENDHIRAN, Assistant Professor, Department of Botany, Thiagarajar College, Madurai- 625 009.

Paper Presentation:-

- National Conference on Biotechnological Approaches for sustainable environment organized by Department of Biotechnology, J.J college of Arts and science Pudukkottai held on 6 & 7th Aug 2010.
- National Conference on “Recent Trends in Biotechnology Organized by the Dept of Zoology with Biotechnology held on 24th & 25th Sep 2010.
- National Seminar on Nature and Biodiversity conservation held at Sadakathullah Appa Arts & Science College, Tirunveli held on 31.01.2011.

- National Seminar on Recent Scenario in Biotechnology – Concepts and applications held at Sri Parasakthi College for women, Courtallam held on 24 & 25th July 2014.
- International Conference on Reasserting Microbial Biotechnology on Deflate Global Disease Burden September 28th & 29th 2015, held at Manonmaniam Sundaranar University Tirunelveli.

Paper Publication:- Published the Papers in Journals listed below

- Medicinal Plants and their utilization by villagers in Southern Districts of Tamil Nadu J.Econ Taxon.Bot vol.20 (suppl.) 2006 ISSN NO: 20509768. Scientific Publishers (India), Jodhpur pp- 208 - 216.
- Effect of Bioinoculants on Quality seedling Production of Drumsticks (*Moringa oleifera*,) Journal of Non-Timber Forest Products, Vol. 13(1) 41-46, 2006, ISSN No 09719415.
- Multidisciplinary Research Journal of VVV College, Studies on the Anatomical and Physiological adaptations of *Cuscuta chinensis* Lam – an advanced holoparasite on *Ageratum conyzoides* L. ISSN NO 2347-2967. Vol:2 Feb 2015.
- Exogenous fertilizer induced amelioration of Enhanced ultraviolet –B (285-325 nm) Radiation. Responses on growth and pigment composition 1:1 *Vigna radiata* (L). Wilczek seedlings, Journal of Global Biosciences ISSN 2320 -1355 Vol No: 1, 2016 pp 3442-3449.

Workshop attended:-

- UGC Sponsored State level workshop on modern approaches in plant Biotechnology organized by Centre for Research and PG Studies in Botany, Ayya Nadar Janaki Ammal College Sivakasi, held on 10th & 11th Feb 2015.
- A one day state level workshop on “Reforms in curriculum Design and Evaluation based on OBE” Organized by internal Quality Assurance cell and office of the Controller of Examinations in the Standard Fireworks Rajaratnam College for women (Autonomous), Sivakasi, on 27.7.2019.
- State level work shop on Advanced Techniques in Biotechnology Organized by Sourashtra College Madurai Department of Biochemistry held on 30 & 31st January 2020.

- Workshop for one day hands on training programme on Basic Principles of Biochemical Techniques and Microbiology Organized by PG Dept of Biochemistry, N.M.S.S.Vellaichamy Nadar College Madurai held on 5th Mar 2020
- UGC Sponsored National level hands on Training Programme on Advanced instrumentation in plant Sciences organized by Centre for Research and PG Studies in Botany, Ayya Nadar Janaki Ammal College Sivakasi, held on 6th & 7th March 2017.
- UGC sponsored one day workshop on Pedagogy of women's studies organized by the centre for women's studies, Lady Doak College on 8th Aug 2009.

Seminar Participation:-

- International Seminar on Emerging Trends in Biological Research organized by the Department of Zoology, Fatima College, Madurai on Feb 26, 2019.
- UGC Sponsored Two days teacher training Programme on English language skills and Personality Development organized by Yadava college on 15th & 16th Feb 2010
- National seminar on Quality Enhancement Strategy- "Towards excellence" Sponsored by National Assessment and Accreditation council held at Yadava College on 31st Aug and 1st Sep 2009.
- State level intercollegiate seminar on Recent Challenges in Biotechnology organized by PG Dept of Immunology and Micro biology, The American College Madurai on 17th Feb 2012.
- International Seminar on Environmental issues of Emerging pollutants organized by Vivekananda College, PG and Research Dept of Zoology, Madurai held on 7th Aug 2014.

Awards:- 1. 39th College Day Prize certificate for 100% attendance held on 2008. 2. Certificate of merit in B. Ed optional Paper won first prize held at Thiagarajar College of Preceptors on 2004 -2005.

Appreciation

- University 7th Rank in B.Ed at Thiagarajar College of Preceptors. 2nd Rank in M.Sc and M.Phil at Thiagarajar College of Arts and Science. Certificate for the excellent performance in achieving 100% results from Yadava college, Madurai.